

## Attorney Docket: 101195-48

IN THE CLAIMS

Amend the claims in accordance with the following:

## Claim 1 (Currently amended)

1. A An isolated polynucleotide of SEQ ID NO: 1, or an isolated polynucleotide comprising at least 88% identity with the polynucleotide sequence of SEQ ID NO: 1, the polynucleotide comprising a seed-specific promoter for suitable for expressing ~~expression of~~ arbitrary genes in plant seeds.

## Claim 2 (Currently amended)

2. The promoter according to claim 1, wherein it mediates ~~the gene~~ expression in the cotyledons and in the endosperm of seeds as a function of development.

## Claim 3 (Currently amended)

3. An expression cassette for expression of arbitrary genes in the plant seed, comprising:
  - (a) a promoter according to claim 1 SEQ ID NO: 1,
  - (b) a gene capable of being expressed, and
  - (c) 3' termination sequences.

## Claim 4 (Currently amended)

4. The expression ~~Expression~~ cassette according to claim 3, ~~wherein it additionally contains further comprising~~ the DNA of a signal sequence peptide, ~~preferably the SBP signal peptide~~.

## Claim 5 (Currently amended)

5. The expression ~~Expression~~ cassette according to claim 3, further, comprising a second DNA sequence downstream to the a DNA region provided with a transcriptionally regulatory sequence for a seed-specific gene expression, the DNA region containing information for the formation and quantitative distribution of endogenous products or expression of heterologous products in culture crops.

## Claim 6 (Currently amended)

6. The expression ~~Expression~~ cassette according to claim 3, wherein arbitrary foreign genes are integrated either as transcription or as translation fusions.

## Claim 7 (Currently amended)

7. The expression ~~Expression~~ cassette according to claim 3 ~~4~~, wherein the signal peptide is encoded by a SBP (Sucrose Binding Protein) of the SBP seed protein gene is used as a signal peptide.

**Attorney Docket: 101195-48****Claim 8 (Currently amended)**

8. ~~The expression~~ Expression cassette according to claim 3, wherein a gene encoding SBP is the gene to be expressed.

**Claim 9 (Currently amended)**

9. ~~The expression~~ Expression cassette according to claim 3, wherein it is also used for co- and multiple transformations.

**Claim 10 (Previously presented)**

10. Plasmid containing an expression cassette according to claim 3.

**Claim 11 (Currently amended)**

11. Plasmid pSBPROCS according to claim 10, comprising a DNA sequence about 5.3 kb in size, in which a Sall promoter fragment of the regulatory starter area about 1.9 kb in size including the signal peptide and 5 ~~codons~~ triplets of a SBP (Sucrose Binding Protein)-homologous gene of *Vicia faba*, restriction sites for cloning of foreign genes and a transcription terminator of the octopine synthase gene.

**Claim 12 (Currently amended)**

12. Plasmid pPTVSBPRGUS according to claim 10, comprising a DNA sequence about 14.9 kb in size, comprising a phosphinothricin resistance gene about 1 kb in size, a Sall/NcoI promoter fragment of the regulatory starter area of the SBP-like gene of *Vicia faba* about 1.8 kb in size, the coding region of the  $\beta$ -glucuronidase about 2 kb in size and the transcription terminator of the octopine synthase gene.

**Claim 13 (Currently amended)**

13. Method for ~~the insertion of~~ preparing a plant cell comprising an expression cassette according to claim 3 with comprising a DNA sequence for strong seed-specific gene expression into a plant cell, the method comprising the following steps:
- a) ~~isolating a clone VSBP20, wherein the gene coding for the SBP seed protein occurring in the plant seed is selected from a cDNA Bank of cotyledons of Vicia faba,~~
- b) ~~isolation of~~ providing clone pSBPR15, wherein comprising a DNA sequence according to SEQ ID NO. 1 ~~contained therein comprises the regulatory starter region of the SBP seed protein pf gene Vicia faba and or a sequence a sequence from a related legume hybridising~~

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comprising at least 88% identity with the DNA sequence of SBPR15, SEQ ID NO: 1 and possessing promoter activity.

- e) b) production of preparing the plasmid pSBPOCS making use of the Sall fragment of plasmid pSBPR15 1.9 kb in size,
- d) c) integration of genes inserting a polynucleotide encoding a protein into the expression cassette of pSBPOCS expression cassette.
- e) d) cloning of the expression cassette containing a DNA sequence for over-expression of foreign genes in plant seeds into binary vectors, and
- f) e) transfer of the expression cassette containing the foreign gene under the control of the promoter according to claim 4 SEQ ID NO: 1 into a plant cell.

Claims 14-18 (cancelled)

Claim 19 (Previously presented)

19. Plant cell containing a plasmid according to claim 10..

Claim 20 (Previously presented)

20. The method of claim 13, wherein a plant cell is produced.

Claim 21 (Previously presented)

21. Plant or plant tissues regenerated from a plant cell according to claim 20.

Claim 22 (Previously presented)

22. Plant according to claim 21, wherein it is a culture crop.

Claim 23 (Previously presented)

23. The expression cassette according to claim 4, further comprising a DNA sequence of a SBP signal peptide.